

Fact Sheet



For Final Minor Modification Permitting Action Under 45CSR30 and Title V of the Clean Air Act

This Fact Sheet serves to address the changes specific to this Minor Modification, and shall be considered a supplement to the Fact Sheet corresponding with the Title V operating permit issued on October 16, 2007

Permit Number: **R30-08100012-2007**
Application Received: **October 20, 2009**
Plant Identification Number: **081-000012**
Permittee: **Pocahontas Coal Company, LLC**
Facility Name: **East Gulf Preparation Plant**
Mailing Address: **109 Appalachian Drive, Beckley, WV 25801**

Permit Action Number: *MM01* Revised: *May 4, 2011*

Physical Location:	Rhodell, Raleigh County, West Virginia
UTM Coordinates:	474.80 km Easting • 4164.16 km Northing • Zone 17
Directions:	Take WV State Route 16 South of Beckley, WV. Turn left on Coal City Road (Raleigh County # 33). Plant is located on the South side of Raleigh County Road # 33, approximately 1 mile east, of East Gulf, WV.

Facility Description

Pocahontas Coal Company LLC's (formerly Left Fork Processing Company) East Gulf Plant is a 600 tons per hour coal preparation plant with a thermal dryer. The facility operates under SIC Code 1221 and has the potential to operate seven (7) days per week, twenty-four (24) hours per day and fifty-two (52) weeks per year.

This Title V Minor modification (MM01) includes changes approved under R13-2484C: Installation of Four (4) conveyor belts.

Emissions Summary

The emission changes under this minor modification are follows:

Criteria Pollutants	MM01 Increase in PTE (Tons per year)
Carbon Monoxide (CO)	0
Nitrogen Oxides (NO _x)	0
PM/PM10	4.21/1.99
Total HAPs	0
Sulfur Dioxide (SO ₂)	0
VOC	0

Title V Program Applicability Basis

With the proposed changes associated with this modification, this facility maintains the potential to emit 201.8 tons per year of NO_x, 1,746.79 tons per year of PM₁₀, 588.7 tons per year SO₂, 137.4 tons per year of VOCs, 24.97 tons of a single HAP and 36.38 tons of aggregated HAPs. Due to this facility's potential to emit over 100 tons per year of a criteria pollutant, over 10 tons per year of a single HAP, and over 25 tons per year of aggregate HAPs, Pocahontas Coal Company, LLC is required to have an operating permit pursuant to Title V of the Federal Clean Air Act as amended and 45CSR30.

Legal and Factual Basis for Permit Conditions

The State and Federally-enforceable conditions of the Title V Operating Permits are based upon the requirements of the State of West Virginia Operating Permit Rule 45CSR30 for the purposes of Title V of the Federal Clean Air Act and the underlying applicable requirements in other state and federal rules.

The modification to this facility has been found to be subject to the following applicable rules:

Federal and State:	45CSR5	Operation of Coal Preparation Plants
	45CSR13	Permits for Construction, Modification, Relocation and Operation of Stationary Sources
	45CSR16	Standards of Performance for New Stationary Sources Pursuant to 40 CFR Part 60
	WV Code § 22-5-4 (a) (14)	The Secretary can request any pertinent information such as annual emission inventory reporting.
	45CSR30	Operating permit requirement.
	40 C.F.R. Part 60 Subpart Y	Standards of Performance for Coal Preparation Plants
State Only:	45CSR4	No objectionable odors.

Each State and Federally-enforceable condition of the draft Title V Operating Permit references the specific relevant requirements of 45CSR30 or the applicable requirement upon which it is based. Any condition of the draft Title V permit that is enforceable by the State but is not Federally-enforceable is identified in the draft Title V permit as such.

The Secretary's authority to require standards under 40 C.F.R. Part 60 (NSPS), 40 C.F.R. Part 61 (NESHAPs), and 40 C.F.R. Part 63 (NESHAPs MACT) is provided in West Virginia Code §§ 22-5-1 *et seq.*, 45CSR16, 45CSR34 and 45CSR30.

Active Permits/Consent Orders

Permit or Consent Order Number	Date of Issuance	Permit Determinations or Amendments That Affect the Permit (<i>if any</i>)
R13-2484C	February 8, 2011	

Conditions from this facility's Rule 13 permit(s) governing construction-related specifications and timing requirements will not be included in the Title V Operating Permit but will remain independently enforceable under the applicable Rule 13 permit(s). All other conditions from this facility's Rule 13 permit(s) governing the source's operation and compliance have been incorporated into this Title V permit in accordance with the "General Requirement Comparison Table B" which may be downloaded from DAQ's website.

Determinations and Justifications

This Title V Minor modification (MM01) includes the changes approved under R13-2484C, issued on February 8, 2011. R13-2484C was a construction permit for the installation of four (4) conveyor belts. No changes are proposed to the existing permitted equipment except a request for the option to using fixed water sprays and /or a water truck to control haul road fugitive dust.

- **45CSR42 – Greenhouse Gas Emissions Inventory Program.**

This facility is subject to 45CSR42. Refer to permit conditions 3.1.14 and 3.5.10 for the requirements pursuant to this rule. The language of the condition 3.5.10 is substantially that which is at 45CSR§42-4, with only revisions to referencing language and the word "Secretary" changed to "Director".

- Region 3 has requested that all annual compliance certifications be submitted electronically (e-mail), so the permit templates have been updated in conditions 3.5.3. and 3.5.5.

Changes incorporated in this permit from R13-2484C are as follows:

- Emission Unit IDs –RCC7, RCC8, RCC9 and RCC10 are added in section 1.1.
- Increase the round trip length of haulroad UPHR2 from 0.26 miles to 0.41 miles.
- Delete haulroad UPHR3 from the Tommy Creek Mine because it is no longer being used.
- Appendices B through D have been added as attachments.
- Conditions 3.1.3 and 3.3.1 have been revised and conditions 3.1.15, 3.3.2 through 3.3.10, 3.4.5, 3.4.6 and 3.5.10 through 3.5.16 have been added to this permit. The citations for conditions 3.1.9, 3.1.10, 3.1.11 and 3.4.1 were revised to match the citations in the R13 permit.
- Citation for R13 permit was added to condition 3.1.12.
- Conditions 4.1.1, 4.1.2, 4.1.4, 4.2.1 and 4.4.1 through 4.4.3 have been revised and conditions 4.1.15, 4.1.16 and 4.3.1 have been added to this permit. The citations for conditions 4.1.5 through 4.1.14 were revised to match the citations in the R13 permit.
- Condition 4.1.3 was deleted and new 4.1.3 was added to this permit from R13-2484C.
- Condition 4.3.1 has been added just for four conveyors- (Emission Unit IDs –RCC7, RCC8, RCC9 and RCC10) because this is new equipment subject to performance testing.
- Conditions 5.1.2, 5.2.3, 5.4.2 and 5.4.5 have been revised and condition 5.5.3 has been added to this permit. The citations for conditions 5.1.1, 5.1.3 through 5.1.16, 5.2.1, 5.3.1, 5.4.4 and 5.5.1 were revised to match the citations in the R13 permit.
- Since condition 3.4.6 covers the requirement, condition 5.4.3 has been removed from this permit.

Non-Applicability Determinations

The following requirements have been determined not to be applicable to the subject facility due to the following:

45CSR14 Permits for Construction and Major Modification of Major Stationary Sources of Air Pollution for the Prevention of Significant Deterioration

In accordance with 45CSR14 Major Source Determination, the wet wash coal preparation plant with a thermal dryer is one of the 100 TPY stationary sources listed sources under the definition of “Major Stationary Source” in subsection 2.43.a. At the end of subsection 2.43, this facility is listed in Table 1 - Source Categories Which Must Include Fugitive Emissions. So, fugitive emissions (from open storage piles and haulroads) are included when determining major stationary source applicability.

In accordance with Section 2.75, the definition of “significant emission increase” is defined in Section 2.74 as equal to or greater than 25 TPY for PM or 15 TPY for PM₁₀. The proposed increase in emissions as a result of the addition of four new raw coal conveyors RCC7, RCC8, RCC9 and RCC10 within this modification application are 4.21 TPY for PM and 1.99 TPY for PM₁₀, which are less than the trigger levels which define a significant emission increase in 45CSR14.

Prevention of Significant Deterioration and Title V Greenhouse Gas Tailoring Rule. The facility has not made any changes that trigger a PSD modification; therefore, the requirements of the GHG tailoring rule are non-applicable.

Request for Variances or Alternatives

None

Insignificant Activities

Insignificant emission unit(s) and activities are identified in the Title V application.

Comment Period

Beginning Date: Not Applicable for minor modifications.
Ending Date: N/A

All written comments should be addressed to the following individual and office:

Beena Modi
Title V Permit Writer
West Virginia Department of Environmental Protection
Division of Air Quality
601 57th Street SE
Charleston, WV 25304

Procedure for Requesting Public Hearing

During the public comment period, any interested person may submit written comments on the draft permit and may request a public hearing, if no public hearing has already been scheduled. A request for public hearing shall be in writing and shall state the nature of the issues proposed to be raised in the hearing. The Secretary shall grant such a request for a hearing if he/she concludes that a public hearing is appropriate. Any public hearing shall be held in the general area in which the facility is located.

Point of Contact

Beena Modi
West Virginia Department of Environmental Protection
Division of Air Quality
601 57th Street SE
Charleston, WV 25304
Phone: 304/926-0499 ext. 1228 • Fax: 304/926-0478

Response to Comments (Statement of Basis)

None